

COLORADO

Science and Engineering Profile

	Colorado	U.S.	Rank		Colorado	U.S.	Rank
Doctoral scientists, 1993	8,558	430,332	16	Total R&D performance, 1993 (millions)	\$2,864	\$161,427	15
Doctoral engineers, 1993	1,683	81,293	15	Industry R&D, 1993 (millions)	\$2,111	\$117,622	15
S&E doctorates awarded, 1995	530	26,482	16	Academic R&D, 1994 (millions)	\$361	\$20,573	19
of which, in engineering	27%	23%		of which, in life sciences	47%	55%	
in life sciences	24%	24%		in engineering	15%	16%	
in social sciences	12%	15%		in environmental sciences	13%	7%	
S&E postdoctorates, 1994				Higher education current-fund			
in doctorate-granting institutions	757	36,143	14	expenditures, 1993 (millions)	\$1,978	\$163,994	27
S&E graduate students, 1994				Number of SBIR awards, 1990-94	667	18,023	6
in doctorate-granting institutions	9,155	438,694	16	Patents issued to state residents, 1995	1,097	55,717	15
Population, 1995 (000s)	3,747	262,755	25	Gross state product, 1992 (billions)	\$82.5	\$5,994.1	23
Civilian labor force, 1995 (000s)	2,089	132,281	22	of which, agriculture	2%	2%	
Personal income per capita, 1995	\$23,449	\$22,788	17	manufacturing, mining, construction	19%	23%	
Federal spending				transportation, communication, utilities	10%	9%	
Total expenditures, 1995 (millions)	\$19,196	\$1,326,294	25	wholesale and retail trade	17%	16%	
R&D obligations, 1994 (millions)	\$1,353	\$65,654	16	finance, insurance, real estate	17%	18%	
				services	21%	20%	
				government	14%	12%	

Rankings and totals are based on data for the 50 States and D.C.

Data on S&E postdoctorates and S&E graduate students include health fields.

Federal Obligations for Research and Development in Colorado by Agency and Performer: Fiscal Year 1994

[Thousands of dollars]

	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	State rank
Total, all agencies	1,353,410	196,169	144,546	726,547	232,097	48,304	5,747	16
Department of Agriculture	30,478	23,049	0	216	7,213	0	0	17
Department of Commerce	82,540	75,983	0	48	6,509	0	0	2
Department of Defense	687,688	36,828	4,570	623,184	21,940	1,166	0	15
Department of Energy	128,956	3,316	81,058	35,334	8,465	783	0	11
Dept. of Health & Human Services	163,720	10	0	1,930	120,932	36,117	4,731	17
Department of the Interior	53,753	50,895	0	487	2,039	332	0	2
Department of Transportation	8,410	206	0	2,592	689	3,907	1,016	17
Environmental Protection Agency	1,707	0	0	880	827	0	0	29
Nat'l Aeronautics & Space Admin.	92,923	5,402	2,429	59,312	20,891	4,889	0	11
National Science Foundation	103,235	480	56,489	2,564	42,592	1,110	0	6
State rank	16	15	8	12	16	12	11	

Federal R&D obligations are as reported by funding agencies.

FFRDC = federally funded research and development center

SBIR = small business innovation research

na = not applicable

Prepared by the National Science Foundation/Division of Science Resources Studies. Data compiled from numerous sources.